

Please amend claim 41, as follows:

41. (Amended) A method of screening a chemical agent for the ability of the chemical agent to modify sodium channel function, said method comprising:
~~introducing an isolated nucleic acid molecule encoding a voltage-sensitive sodium channel of *Musca domestica*, wherein said nucleic acid molecule hybridizes to a nucleic acid molecule, having a nucleotide sequence according to bases 1 to 1011 or 1321 to 5030 of SEQ. ID. No. 1 or 3 at 42°, with 5 x SSPC and 50% formamide with washing at 65° C with 0.5 x SSPC [the nucleic acid molecule of claim 1] into a host cell;~~
~~expressing said voltage-sensitive sodium channel encoded by said nucleic acid molecule in the host cell so as to result in the functional expression of a voltage-sensitive sodium channel in the host cell;~~
~~exposing the host cell to a chemical agent; and~~
~~evaluating the exposed host cell to determine if the chemical agent modifies the function of the voltage-sensitive sodium channel.~~

Please add new claims 78-83, as follows:

78. (New) The method according to claim 41, wherein said voltage-sensitive sodium channel confers susceptibility to an insecticide in *Musca domestica*.

79. (New) The method according to claim 78, wherein said nucleic acid molecule has a nucleotide sequence as shown in SEQ ID NO:1.

80. (New) The method according to claim 78, wherein said nucleic acid molecule encodes an amino acid sequence as shown in SEQ ID NO:3.

81. (New) The method according to claim 41, wherein said voltage-sensitive sodium channel confers resistance to an insecticide in *Musca domestica*.

82. (New) The method according to claim 81, wherein said nucleic acid molecule has a nucleotide sequence as shown in SEQ ID NO:2.